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› Energizer 960W MAX Portable Power Station User Manual

Energizer PPS960W2

Energizer 960W MAX Portable Power Station User Manual

Model: PPS960W2 | Brand: Energizer

1. PRODUCT OVERVIEW

The Energizer 960W MAX Portable Power Station is a versatile and reliable power source designed for various applications, including outdoor activities, home emergencies, and off-grid living. It features a high-capacity LiFePO4 battery, multiple output ports, and advanced safety features to provide stable and efficient power.



Front view of the Energizer 960W MAX Portable Power Station, showing the display, AC outlets, USB ports, and DC ports.

Key Features:

- **960Wh LiFePO4 Battery:** Offers extended lifespan with over 2,000 recharge cycles and maintains charge for up to 2 years.
- **700W Pure Sine Wave AC Output:** Three 120V AC outlets (1400W Peak) provide clean power for sensitive electronics.
- **100W USB-C Power Delivery:** Fast charging for laptops and other high-draw devices without bulky adapters.
- **Multiple Output Ports:** Includes 2x USB-A QC 3.0, 1x USB-C PD 18W, 1x USB-C PD 100W, 3x 120V AC, 1x 12V DC Car Outlet, and 2x 12V 5521 DC Jacks.
- **Integrated LED Light:** 6W LED with High, Low, SOS, and Flash modes for illumination and emergencies.
- **Solar Ready:** Built-in MPPT controller for efficient solar charging.
- **Durable Design:** Operates in extreme temperatures (-4°F to 140°F) and includes a protective carrying case.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- (1) Energizer 960W LiFePO4 (LFP) Portable Power Station (V2)
- (1) 120V AC Adapter
- (1) 12V Car Outlet Charging Adapter
- (1) DC5521 to DC6530 Solar Panel Extension Adapter
- (1) Carrying Case with Shoulder Strap & 6 Storage Compartments

DC5521 > DC6530 Adapter Included

Adapter for
Solar Charging Power Input



Heavy Duty Carrying Bag

+Shoulder Straps + Front Pouch
+ Handle Straps



+AC Charger
+Car Charger



Image showing the included DC5521 to DC6530 adapter, heavy-duty carrying bag, AC charger, and car charger.

3. SETUP AND CHARGING

Before first use, fully charge the power station. The unit can be charged via AC wall outlet, 12V car outlet, or compatible solar panels.

Initial Charging:

1. Connect the provided AC power adapter to the DC input port on the power station.
2. Plug the AC adapter into a standard 120V wall outlet.
3. The LCD display will show the charging status. Charge until the battery indicator shows 100%.

Solar Charging:

The power station is compatible with most major portable solar panels (12-24V). It features a built-in MPPT controller for efficient charging.

1. Connect your solar panel to the DC input port using the appropriate adapter (DC5521 to DC6530 adapter included for compatibility).
2. Position the solar panel in direct sunlight for optimal charging.
3. The LCD display will indicate solar input wattage and charging status.

High Efficiency Charging

The infographic displays four charging methods with their respective icons and recharge times:

- 7.2 HOURS** Wall Outlet (Icon: AC plug)
- 12.8 HOURS** Car Outlet (Icon: Car cigarette lighter)
- 5.2 HOURS** Wall Outlet + USB-C PD 60W (Icon: AC plug and USB-C cable)
- 10 HOURS** Solar Panels (Icon: Solar panel)

Recharge Time 0-80%

The background image shows an Energizer power station on a table with a laptop, a car outlet, and a solar panel. A man is sitting at the table, looking at his phone.

Illustration of various charging methods: wall outlet, car outlet, and solar panels, with approximate charging times.

Keeps CPAP Running Overnight

Powers A CPAP for 13-14 Nights / 109-137 Hours



The power station connected to a solar panel, demonstrating its compatibility and efficient charging capabilities.

Your browser does not support the video tag.

Official product video demonstrating the features and use cases of the Energizer 960W Portable Power Station, including setup and various applications.

4. OPERATING INSTRUCTIONS

The Energizer 960W MAX Portable Power Station is designed for intuitive operation. Familiarize yourself with the control panel and output ports.

Control Panel Overview:

Energizer®

960Wh
Portable
Power Station
700W / 1400W PEAK



+2X DC Outputs +Heavy Duty Carrying Bag

Detailed view of the power station's control panel, highlighting the LCD screen, LED light, and various output ports including USB-C, USB-A, AC, and DC.

- **Power Button:** Press and hold to turn the unit on or off.
- **LCD Display:** Shows battery level, input/output wattage, and active port indicators.
- **AC Output Button:** Activates/deactivates the three 120V AC outlets.
- **DC Output Button:** Activates/deactivates the 12V DC car outlet and 5521 DC jacks.
- **USB Output Button:** Activates/deactivates the USB-A and USB-C ports.
- **LED Light Button:** Cycles through High, Low, SOS, and Flash modes.

Connecting Devices:

Connect your devices to the appropriate ports. The power station can charge and power up to 10 devices simultaneously.

- For standard household appliances, use the **AC Outlets**. Ensure the total wattage does not exceed 700W (1400W peak).
- For smartphones, tablets, and laptops, use the **USB-A** or **USB-C PD ports**. The 100W USB-C PD port is ideal for fast-charging compatible laptops.
- For 12V devices like car refrigerators or portable air pumps, use the **12V DC Car Outlet** or the **12V 5521**

ENERGIZE 10 DEVICES SIMULTANEOUSLY



The power station simultaneously powering various devices, including a coffee maker, fan, and mini-fridge, demonstrating its multi-device capability.

LiFePO4 : Double the Lifespan

LiFePO4

Introducing Lithium Iron phosphate Battery

LiFePO4

Double the Lifecycle vs. Traditional Lithium-Ion Battery
Maximum Capability in Extreme Conditions



Recharge Cycles

2000+

Temperature Tolerance

-4° F 140° F

Hold Charge For

2 Years

Energizer

A chart illustrating the estimated runtime for common devices such as TVs, laptops, and CPAP machines when powered by the 960Wh power station.

5. MAINTENANCE AND STORAGE

Proper maintenance ensures the longevity and optimal performance of your Energizer Portable Power Station.

Battery Care (LiFePO4):












The power station uses a Lithium Iron Phosphate (LiFePO4) battery, which offers significant advantages over traditional lithium-ion batteries:

- **Extended Lifespan:** Provides over 2,000 recharge cycles, double that of traditional lithium-ion batteries.
- **Temperature Tolerance:** Operates reliably in extreme temperatures ranging from -4°F to 140°F (-20°C to 65°C).
- **Longer Charge Retention:** Can hold a charge for up to 2 years when stored, losing only about 60mAh per month.

Keeps Going and Going

Energizer

960Wh Portable Power Station

	10 HOURS	TV	75W
	82 HOURS	Dash Camera	10W
	27 HOURS	Car Refrigerator	30W
	23 HOURS	Electric Kettle	35W
	20 HOURS	Fan	40W
	16 HOURS	Laptop	50W
	14 HOURS	Mini-Fridge	60W
	14 HOURS	Drone	60W
	90 HOURS	iPhone 13 Pro	2815mAh
	3 HOURS	Pellet Grill	250W
	137 HOURS	CPAP Machine	75W

Visual representation of the LiFePO4 battery's benefits, including 2000+ recharge cycles, wide temperature tolerance, and 2-year charge retention.

Storage:

- Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to charge the unit to approximately 50-80% every 3-6 months to maintain battery health.
- Use the included carrying case for protection during transport and storage.

6. TROUBLESHOOTING

If you encounter issues with your power station, refer to the following common troubleshooting steps:

- **Unit Not Turning On:**
 - Ensure the power button is pressed and held for a few seconds.

- Check the battery level on the LCD display. If critically low, connect to a power source.

- **No Output from Ports:**

- Verify that the specific output (AC, DC, USB) is activated by pressing its respective button.
- Check if the connected device's power consumption exceeds the port's or unit's maximum output.
- Ensure cables are securely connected.

- **Slow Charging:**

- Charging speed can vary based on the power source. Wall charging is generally faster than car or solar charging.
- For solar charging, ensure panels are in direct sunlight and free from obstructions. The MPPT controller optimizes input, but panel output depends on conditions.
- Using both AC adapter and USB-C PD input simultaneously can increase charging speed.

- **Overload Protection Activated:**

- If the unit shuts down or an overload indicator appears, disconnect some devices.
- Reduce the total power draw to below the rated output (700W continuous, 1400W peak).

7. SPECIFICATIONS

Feature	Detail
Brand	Energizer
Model Name	Energizer 960W LiFePO4 (LFP) Portable Power Station (V2) w/ Carry Case
Model Number	PPS960W2
Battery Type	Lithium Iron Phosphate (LiFePO4)
Capacity	960 Watt-hours (Wh)
AC Output	3x 120V Pure Sine Wave AC Outlets, 700W Continuous, 1400W Peak
USB-C PD Output	1x 100W, 1x 18W
USB-A Output	2x QC 3.0 Ports
DC Output	1x 12V Car Outlet, 2x 12V 5521 DC Jacks
Charging Input	AC Adapter, 12V Car Charger, Solar Panel (MPPT compatible)
Operating Temperature	-4°F to 140°F (-20°C to 65°C)
Dimensions (L x W x H)	11.81" x 7.68" x 11.42"

Feature	Detail
Item Weight	21.6 Pounds
Special Features	Overload Protection, Short Circuit Protection, Automatic Voltage Regulation, Low Battery Shutdown

DIMENSIONS



CARRY-BAG INCLUDED



WEIGHT
20.94 lbs

Diagram showing the dimensions (length, width, height) and weight of the power station.

8. WARRANTY AND SUPPORT

Warranty Information:

The Energizer 960W MAX Portable Power Station comes with a **2-Year Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For further assistance, technical support, or warranty inquiries, please refer to the official Energizer website or contact their customer service. You can also find additional resources and FAQs on the product's Amazon listing page.

A detailed User Manual in PDF format is available for download:[Download User Manual \(PDF\)](#)